

Safety Data Sheet

3/17/2021

Section 1: Product and Company Information


Product Identifier: **ACS Dual Q Quat Sanitizer**
Product Code/SKU: 1085541

Recommended Use: Disinfectant / Sanitizer / Deodorizer
Restrictions on Use: Use only for purpose found on label.
Product Dilution Information: Use according to label directions

Manufacturer: **American Chemical Systems II, LLC**
3505 W. 29th Street South
Wichita, KS USA 67217
(800)889-3489
americanchemicalsystems.com
Chemtrec 1-800-424-9300 USA and Canada

Emergency Telephone:

Section 2: Hazard Identification

| Product as Sold | | Product at use Dilution |
|---------------------------|---|--|
| GHS Classification: | Skin corrosion / irritation Causes severe skin burns and eye damage | Not classified |
| Signal Word: | Danger | No signal word |
| Symbol: |  | No symbol |
| Hazard Statement: | Causes skin irritation Causes severe skin burns and eye damage | No known significant effects or hazards |
| Precautionary Statements: | | |
| Prevention: | Wash hands with water after handling | Wash hands with water after handling |
| Response: | | |
| If swallowed: | Drink promptly a large amount of milk, egg whites, gelatin solution, or water. Avoid alcohol. Do not induce vomiting. | Seek medical assistance if symptoms persist. |
| If on skin: | Wash with water, remove contaminated clothing. | |
| Inhalation: | Remove person to fresh air - administer artificial respiration if not breathing. | |
| If in eye: | Flush continuously with water - remove contacts and continue flushing with water. | |
| Treatment: | Seek medical assistance if symptoms persist. | |
| Storage: | Keep product stored in original container, in an upright position, with container tightly closed. | |
| Disposal: | Dispose of contents/container according to local/regional regulations. | Dispose of contents/container according to local/regional regulations. |
| Other Hazards: | None known | None known |

Section 3: Composition/Information on Ingredients

| Product as Sold | | |
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| Substance/Mixture: | Mixture | |
| Chemical name | | % |
| Alkyl dimethyl ethylbenzyl ammonium chloride | CAS 85409-23-0 | 1 - 10 % |
| n-alkyl (C12-16)-n, n-dimethyl-n-benzyl ammonium chloride | CAS 68391-01-5 | 1 - 10 % |
| Ethyl alcohol | CAS 64-17-5 | < 5 % |
| There are no additional ingredients present which, within the current knowledge of the manufacturer and in the concentrations applicable, are classified as hazardous to health or to the environment and hence require reporting in this section. | | |

Section 4: First Aid Measures

| | Product as Sold | Product at use Dilution |
|---------------------|--|--|
| First Aid Measures: | | |
| General: | Never give anything by mouth to an unconscious person. If you feel unwell, then seek medical assistance. | Never give anything by mouth to an unconscious person. If you feel unwell, then seek medical assistance. |
| If swallowed: | Drink promptly a large amount water. Do not induce vomiting. | Seek medical assistance if symptoms persist. |

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| If on skin: | Wash with water, remove contaminated clothing. | No known effect after skin contact. Rinse w/ water. |
| Inhalation: | Remove person to fresh air - administer artificial respiration if not breathing. | No specific measures required. |
| If in eye: | Flush continuously with water - remove contacts and continue flushing with water. | No know effect with eye contact. Flush with water. |
| Treatment: | Seek medical assistance. | |
| Important Symptoms and Effects: | both Acute and Delayed | |
| Symptoms/Injuries: | Effects of exposure may be delayed. | |
| If swallowed: | Mucosal damage may contradict the use of gastric lavage. | Seek medical assistance if symptoms persist. |
| If on skin: | Rinse with water. | |
| Inhalation: | No special measures required. Treat symptomatically. | |
| If in eye: | Rinse with water. Remove contacts. Continue rinsing. | |
| Recommendation: | Seek medical assistance if symptoms persist or concerns are present. | Seek medical assistance if symptoms persist or concerns are present. |
| First Aid Providers | All first aid providers should receive proper training before performing any first aid act that would involve personal risk. Wash contaminated clothing with water thoroughly before removal or wear gloves. | |

Section 5: Firefighting Measures

Suitable Fire Extinguishing

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| Media: | No special media necessary. Use extinguishing media appropriate for surrounding fire. |
| Special Hazards: | Product is non flammable and is not explosive. |
| Advice for Firefighters: | Exercise caution when fighting any chemical fire. Use a water spray to cool containers. Do not enter fire area without proper protective equipment, including respiratory protection. |

Section 6: Accidental Release Measures

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| Personal Precautions: | Initiate company's spill procedures. Do not walk through or touch spilled product. Do not get on skin, in eyes, or on clothing. Put on appropriate personal protection equipment. |
| Environmental Precautions: | Avoid runoff into public waterways, sewers, or onto soil. |
| Methods for Clean Up: | Follow company's spill procedures. Put on appropriate protective clothing. Neutralize/absorb spilled product with inert material. Dispose of inert material by placing in suitable container. Dispose of waste safely. Rinse with water for a final clean up. |

Section 7: Handling and Storage

Precautions for Safe

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| Handling: | Do not get on skin, in eyes, or on clothing. Do not breathe vapor or mist. Do not handle until all safety procedures have been read and understood. Wash hands and other exposed areas with soap and water after handling. |
| Conditions for Safe Storage: | Keep product in original container, in an upright position, with container tightly closed. Keep out of reach of children. |

Section 8: Exposure Controls/Personal Protection

| | Product as Sold | Product at use Dilution |
|-------------------------|--|---|
| Engineering Controls: | Use adequate ventilation. Keep vapor/fumes below statutory limits. Provide availability to water to flush skin or eyes in case of exposure. | Normal ventilation should be adequate to control vapor/fumes. |
| Personal Protection: | | |
| Hand protection: | Wear gloves when handling concentrate | None needed under normal use conditions |
| Eye protection: | Wear safety glasses when handling concentrate | None needed under normal use conditions |
| Skin protection: | Wear gloves when handling concentrate | None needed under normal use conditions |
| Respiratory protection: | None needed under normal use conditions | None needed under normal use conditions |
| General: | Wash hands, face, and arms after handling chemical products and before eating, drinking, or using restroom. Wash contaminated clothing before wearing again. | |

Section 9: Physical and Chemical Properties

| | Product as Sold | Product at use Dilution |
|----------------------------|-------------------|-------------------------|
| Physical state: | Liquid | Liquid |
| Color: | Red | Light Red |
| Odor: | Chemical | Chemical |
| pH: | 6 - 8 | 6 - 8 |
| Evaporation rate: | No data available | |
| Melting point: | No data available | |
| Freezing point: | No data available | |
| Boiling point: | No data available | |
| Flash point: | No data available | |
| Explosion limits: | No data available | |
| Flammability (solid/gas): | No data available | |
| Vapor pressure: | No data available | |
| Vapor density: | No data available | |
| Relative density: | No data available | |
| Solubility: | >1 (water=1) | |
| Decomposition temperature: | Complete | |

Section 10: Stability and Reactivity

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| Reactivity: | Product is not reactive |
| Chemical stability: | Stable. |
| Hazardous Reactions: | Hazardous polymerization will not occur under normal use conditions. |
| Conditions to Avoid: | Direct sunlight. Extreme temperatures. |
| Incompatible Materials: | Strong oxidizers. |
| Hazardous Decomposition Products: | Carbon dioxide, carbon monoxide, ammonia, nitrous oxides, hydrogen chloride not occur. |

Section 11: Toxicological Information

| Product as Sold | | Product at use Dilution |
|---------------------|---|--------------------------------------|
| Routes of Exposure: | Ingestion. Skin contact. Inhalation. Eye contact. | No specific data |
| Symptoms: | Ingestion: Ingestion may be harmful. | No specific data |
| | Skin Contact: Adverse effects: irritation, redness | No specific data |
| | Inhalation: Adverse effects: cough, respiratory irritation | No specific data |
| | Eye Contact: Adverse effects: redness, watering, irritation | No specific data |
| Acute Toxicity: | Ingestion: Ingestion may be harmful | No known effects or critical hazards |
| | Skin Contact: No known effects or critical hazards | No known effects or critical hazards |
| | Inhalation: No known effects or critical hazards | No known effects or critical hazards |
| | Eye Contact: No known effects or critical hazards | No known effects or critical hazards |
| Toxicity Data: | | |
| Carcinogenicity: | No known effects or critical hazards | |
| Reproductivity: | No known effects or critical hazards | |

Section 12: Ecological Information

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|--------------------------------|------------------------------------|
| Toxicity: | No data available for this product |
| Persistence and degradability: | Not established |
| Bioaccumulative potential: | Not established |
| Mobility in Soil: | Not established |
| Other adverse effects: | None noted |

Section 13: Disposal Considerations

| Product as Sold | |
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| Disposal methods: | Dispose of waste in accordance with local, regional, and national regulations. |

Section 14: Transport Information

| Product as Sold | Product at use Dilution |
|---------------------------------------|--|
| In accordance with: ICAO/IATA/DOT/TDG | Product not to be transported in this manner |
| DOT Classification: | Not regulated |
| DOT Shipping name: | Not regulated |
| Class: | |
| Packing Group: | |
| Bulk Transport: | See shipping documents for specific transportation information |
| Marine Pollutant: | No |

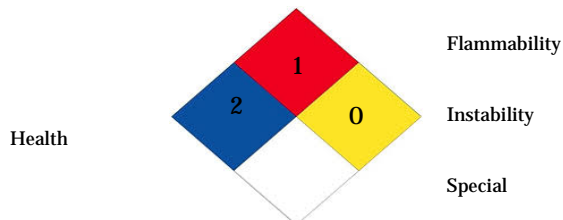
Section 15: Regulatory Information

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|-------------------------|---------------------------------------|
| US Federal Regulations: | |
| TSCA 8(b) Inventory | All components are listed or exempted |
| SARA 304 | No chemicals subject to reporting |
| SARA 311/312 | Acute health hazard |
| SARA 302 | No chemicals subject to reporting |
| SARA 313 | |

Section 16: Other Information

| Product as Sold | Product at use Dilution |
|--|-------------------------|
| Hazardous Material Information System: | |
| Health | Health 0 |
| Flammability | Flammability 0 |
| Physical Hazards | Physical Hazards 0 |

National Fire Protection Association (U.S.A.)



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